

# ELECTRICAL COMMUNICATION

INDEX TO VOLUME 16

1937—1938

# ELECTRICAL COMMUNICATION

Volume 16, 1937—1938

## I N D E X

	PAGE
Application of Styrene to H.T. Cable Systems, The, Part I, by T. R. Scott and J. K. Webb.....	October, 1937 174
Application of Styrene to H.T. Cable Systems, The, Part II, by T. R. Scott and J. K. Webb.....	January, 1938 276
Automatic Telephony in Country Districts of Great Britain, by E. P. G. Wright	July, 1937 13
Barnard, R. M.: The Reactive Filter and its Application to Waveform Analysis.	October, 1937 158
Brander, E. A., and W. Hirsch: The Development of the Rio de Janeiro Automatic Telephone Network .....	January, 1938 244
Brillouin, L.: Theoretical Study of Dielectric Cables.....	April, 1938 350
Bristol-Plymouth 12-Channel Carrier System.....	October, 1937 131
Busignies, H.: Reduction of Night Error in Radio Direction-Finding Equipment for Aerodromes.....	January, 1938 213
Carrier Rediffusion, by A. Wiessner.....	April, 1938 298
Carrier Telephony and Telegraphy on the Argentine State Railways, by C. F. Bulstrode Whitlock.....	January, 1938 206
Clavier, A. G., and E. Rostas: Some Problems of Hyperfrequency Technique..	January, 1938 254
Clemens, P. J.: Some Recent Developments in Teleprinter Switching Systems..	January, 1938 263
Coronation, The, by F. Gill.....	July, 1937 3
Creed No. 10 Tape Teleprinter, The, by A. E. Thompson.....	April, 1938 289
Crosstalk Between Coaxial Transmission Lines, by S. A. Schelkunoff and T. M. Odarenko.....	July, 1937 39
Damoiseaux, Albert Francois Joseph--In Memoriam.....	April, 1938 345
Development of the Rio de Janeiro Automatic Telephone Network, The, by W. Hirsch and E. A. Brander.....	January, 1938 244
Dry Rectifiers for Repeater Station Power Supply, by H. Jacot and M. Frey..	July, 1937 30
Electrical Communication in 1937.....	January, 1938 185
Electrical Properties of Aerials for Medium and Long Wave Broadcasting, Part I, by W. L. McPherson.....	April, 1938 306
Experimental 5 kW "Doherty" Amplifier, An, by C. E. Strong and G. G. Samson.....	January, 1938 233
Final Stage Class "B" Modulation, by C. E. Strong.....	April, 1938 321
Frey, M., and H. Jacot : Dry Rectifiers for Repeater Station Power Supply....	July, 1937 30
General Problems Before the C.C.I.F. for 1937-1938, by Bruce H. McCurdy....	July, 1937 7
General Properties of Dielectric Guides, by J. Saphores.....	April, 1938 346
Gill, F. : The Coronation.....	July, 1937 3
Haldvig, K. A. : No. 7-D Rotary Automatic P.B.X. Installed in the Administration Building of the Danish Newspaper "Politiken".....	October, 1937 126
Hirsch, W., and E. A. Brander: The Development of the Rio de Janeiro Automatic Telephone Network.....	January, 1938 244

	PAGE
In Memoriam—Albert Francois Joseph Damoiseaux.....	April, 1938 345
In Memoriam—The Right Hon. Lord Rutherford of Nelson.....	January, 1938 205
Jacot, H., and M. Frey : Dry Rectifiers for Repeater Station Power Supply....	July, 1937 30
Kipphan, Erich : The Selenium Rectifier.....	July, 1937 21
Kobayashi, Masatsugu : Picture Transmission using "Time Modulation".....	October, 1937 144
Kruithof, J.: Some Rotary Traffic Switching Methods.....	October, 1937 108
McCurdy, Bruce H. : General Problems Before the C.C.I.F. for 1937-1938.....	July, 1937 7
McPherson, W. L. : Electrical Properties of Aerials for Medium and Long Wave Broadcasting, Part I.....	April, 1938 306
Methods of Equalising Waiting Time on Calls Incoming to a Manual Board, by W. J. Reynolds.....	January, 1938 240
Million-Cycle Telephone System, A, by M. E. Strieby.....	July, 1937 35
New Apparatus for Demonstrating Diffraction of Electrons, A, by J. J. Trillat..	October, 1937 103
Odarenko, T. M., and S. A. Schelkunoff : Crosstalk Between Coaxial Trans- mission Lines.....	July, 1937 39
Paris Exhibition, The 1937, by P. Quéffélénan.....	October, 1937 97
Picture Transmission using "Time Modulation," by Masatsugu Kobayashi.....	October, 1937 144
Quéffélénan, P. : The 1937 Paris Exhibition.....	October, 1937 97
Reactive Filter and its Application to Waveform Analysis, The, by R. M. Barnard.....	October, 1937 158
Recent Telecommunication Developments of Interest.....	July, 1937 87
Recent Telecommunication Developments of Interest.....	October, 1937 180
Recent Telecommunication Developments of Interest.....	January, 1938 285
Recent Telecommunication Developments of Interest.....	April, 1938 373
Reeves, A. H., and E. H. Ullrich : Superheterodyne Reception of Micro-Rays .	October, 1937 153
Reduction of Night Error in Radio Direction-Finding Equipment for Aero- dromes, by H. Busignies.....	January, 1938 213
Reynolds, W. J. : Methods of Equalising Waiting Time on Calls Incoming to a Manual Board.....	January, 1938 240
Rostas, E., and A. G. Clavier : Some Problems of Hyperfrequency Technique .	January, 1938 254
Rotary Traffic Switching Methods, Some, by J. Kruithof.....	October, 1937 108
Rutherford of Nelson, O.M., F.R.S., The Right Hon. Lord—In Memoriam.....	January, 1938 205
Samson, G. G., and C. E. Strong : An Experimental 5 kW "Doherty" Amplifier.....	January, 1938 233
Saphores, J. : General Properties of Dielectric Guides.....	April, 1938 346
Schelkunoff, S. A., and T. M. Odarenko : Crosstalk Between Coaxial Trans- mission Lines.....	July, 1937 39
Scott, T. R., and J. K. Webb : The Application of Styrene to H.T. Cable Systems, Part I.....	October, 1937 174
Scott, T. R., and J. K. Webb : The Application of Styrene to H.T. Cable Systems, Part II.....	January, 1938 276
Scott, T. R. : Superstyrex.....	July, 1937 51
Selenium Rectifier, The, by Erich Kipphan.....	July, 1937 21
7-D Rotary Automatic P.B.X. Installed in the Administration Building of the Danish Newspaper "Politiken," by K. A. Haldvig.....	October, 1937 126
Some Problems of Hyperfrequency Technique, by A. G. Clavier and E. Rostas..	January, 1938 254
Some Recent Developments in Teleprinter Switching Systems, by P. J. Clemens.	January, 1938 263

	PAGE	
Strieby, M. E. : A Million-Cycle Telephone System.....	July, 1937	35
Strong, C. E., and G. G. Samson : An Experimental 5 kW "Doherty" Amplifier.....	January, 1938	233
Strong, C. E. : Final Stage Class "B" Modulation.....	April, 1938	321
Superheterodyne Reception of Micro-Rays, by A. H. Reeves and E. H. Ullrich ..	October, 1937	153
Superstyrex, by T. R. Scott.....	July, 1937	51
Supervisory Control of Traction Sub-stations, by C. Gordon White.....	July, 1937	56
Telephone and Telegraph Statistics of the World.....	July, 1937	90
Telephone Traffic in Shanghai, by A. B. Wilkinson.....	April, 1938	333
Theoretical Study of Dielectric Cables, by L. Brillouin.....	April, 1938	350
Thompson, A. E. : The Creed No. 10 Tape Teleprinter.....	April, 1938	289
Trillatt, J. J. : A New Apparatus for Demonstrating Diffraction of Electrons..	October, 1937	103
Ullrich, E. H., and A. H. Reeves : Superheterodyne Reception of Micro-Rays..	October, 1937	153
Ullrich, E. H. : Ultra-Short Wave Communication.....	July, 1937	64
Ultra-Short Wave Communication, by E. H. Ullrich.....	July, 1937	64
Webb, J. K., and T. R. Scott : The Application of Styrene to H.T. Cable Systems, Part I.....	October, 1937	174
Webb, J. K., and T. R. Scott : The Application of Styrene to H.T. Cable Systems, Part II.....	January, 1938	276
White, C. Gordon : Supervisory Control of Traction Sub-stations.....	July, 1937	56
Whitlock, C. F. Bulstrode : Carrier Telephony and Telegraphy on the Argentine State Railways.....	January, 1938	206
Wiessner, A. : Carrier Rediffusion.....	April, 1938	298
Wilkinson, A. B. : Telephone Traffic in Shanghai.....	April, 1938	333
Wright, E. P. G.: Automatic Telephony in Country Districts of Great Britain.....	July, 1937	13